

Converting Colors

$Yxy(67.7902, 0.3635, 0.3645)$

Have a look what the booklet for
Yxy(67.7902, 0.3635, 0.3645)
contains.

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Color

Yxy(67.7902, 0.3635, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	F3D1B0
RGB	243, 209, 176
RGB Percent	95%, 82%, 69%
CMY	0.0470, 0.1804, 0.3099
CMYK	0.00, 0.14, 0.28, 0.05
HSL	30°, 74%, 82%
HSV	30°, 28%, 95%
XYZ	67.6042, 67.7902, 50.5869
YIQ	215.4040, 30.8570, -3.0550

Conversions

Conversions Part 2

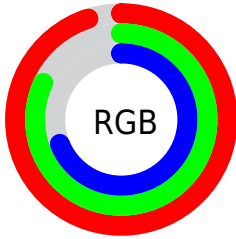
Format	Color
R _Y B	243, 241, 176
Decimal	15978928
CIE Lab	85.90, 7.09, 20.79
CIE LCh	86, 21.967, 71.165
Yxy	67.7902, 0.3635, 0.3645
Android (android.graphics.Color)	4294169008 (0xFFFF3D1B0)
YUV	215.4040, -19.4262, 24.2017
Hunter-Lab	82.3348, 2.4785, 21.2063

Details

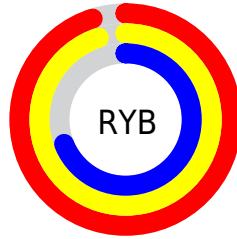
The Yxy color **67.7902, 0.3635, 0.3645** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.7999, 0.2686, 0.2906**, and the grayscale version is **68.3644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **35.3119, 0.3760, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **61.0956, 0.3866, 0.3779**, and if you desaturate by 10%, it is **75.1319, 0.3429, 0.3511**.

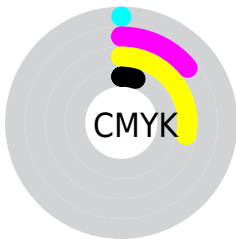
Distribution



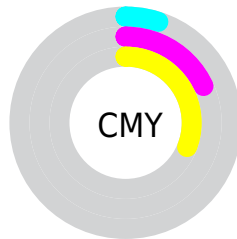
- Red (95%)
- Green (82%)
- Blue (69%)



- Red (95%)
- Yellow (95%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7902, 0.3635, 0.3645 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 67.7902, 0.3635, 0.3645 by changing the saturation by 10% instead.


 67.7902, 0.3635,
0.3645

 67.7902, 0.3635,
0.3645


452.7523, 0.3396,
0.3483

 49.7271, 0.3690,
0.3681


 116.0520, 0.3551,
0.3589

 35.1966, 0.3759,
0.3726


147.0194, 0.3519,
0.3567

 23.8143, 0.3846,
0.3781


183.0570, 0.3491,
0.3549

 15.1960, 0.3960,
0.3851

224.5493, 0.3467,
0.3532

 8.9570, 0.4115,
0.3943

271.8805, 0.3446,
0.3517

 4.7132, 0.4336,
0.4065

325.4352, 0.3428,

 2.0800, 0.4748,

0.3505

0.4296

385.5977, 0.3411,
0.3493

0.6533, 0.5486,
0.4514

0.0000, 0.0000,
0.0000

67.7902, 0.3635,
0.3645

67.7902, 0.3635,
0.3645

61.0956, 0.3866,
0.3779

75.1319, 0.3429,
0.3511

55.0190, 0.4121,
0.3907

83.1300, 0.3249,
0.3383

49.5426, 0.4395,
0.4019

91.8056, 0.3091,
0.3261

44.6438, 0.4676,
0.4103

97.7993, 0.3054,
0.3290

■ 40.2982, 0.4951,
0.4145

■ 36.4786, 0.5200,
0.4135

■ 33.1522, 0.5408,
0.4071

■ 32.4144, 0.5455,
0.4051

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.7902, 0.3657, 0.3444



67.7902, 0.3635, 0.3645



67.7902, 0.3472, 0.3762

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.7902, 0.3635, 0.3645



67.7902, 0.2736, 0.3348



67.7902, 0.3015, 0.2879

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.7902, 0.3635, 0.3645



61.7999, 0.2686, 0.2906

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7902, 0.2780, 0.2842



67.7902, 0.3635, 0.3645



67.7902, 0.2625, 0.3098

Square

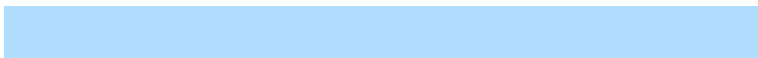
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7902, 0.3635, 0.3645



67.7902, 0.2952, 0.3592



67.7902, 0.2640, 0.2917



67.7902, 0.3291, 0.3014

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7902, 0.3635, 0.3645



67.7902, 0.3310, 0.3768



67.7902, 0.2640, 0.2917



67.7902, 0.2929, 0.2855

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.7933, 0.3635, 0.3645



92.3258, 0.3256, 0.3388



54.7880, 0.3423, 0.2921



19.4643, 0.3282, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7933, 0.3635, 0.3645



71.4261, 0.3759, 0.3719



85.6430, 0.3547, 0.3970



17.8302, 0.3281, 0.3407



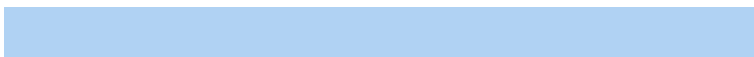
18.0548, 0.5430, 0.4071



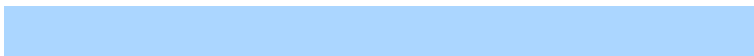
1.7921, 0.5234, 0.4226

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61.7999, 0.2686, 0.2906



63.7323, 0.2596, 0.2816



47.1853, 0.2646, 0.2506



17.3172, 0.2980, 0.3170



11.6430, 0.1778, 0.1602



1.2290, 0.1841, 0.1826

Previews

White Background



This preview shows how the Yxy color 67.7902, 0.3635, 0.3645 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 67.7902, 0.3635, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

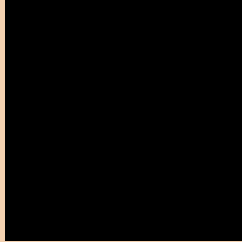
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7902, 0.3635, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 67.7902, 0.3635, 0.3645.



This preview shows how white text looks on a background with the Yxy color 67.7902, 0.3635, 0.3645.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.7902, 0.3635, 0.3645

Protanopia

67.6787, 0.3473, 0.3680

Deuteranopia

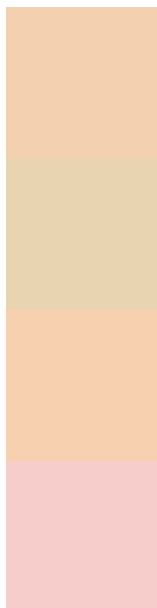
67.9000, 0.3689, 0.3618



Tritanopia

67.7828, 0.3359, 0.3125

Trichromacy



Original Color

67.7902, 0.3635, 0.3645

Protanomaly

67.6250, 0.3532, 0.3664

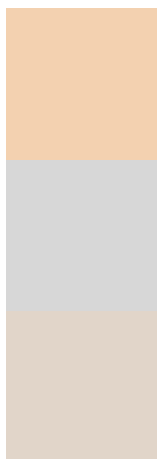
Deuteranomaly

68.0205, 0.3670, 0.3631

Tritanomaly

67.5673, 0.3462, 0.3312

Monochromacy



Original Color

67.7902, 0.3635, 0.3645

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.8131, 0.3301, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7902, 0.3635, 0.3645 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(243, 209, 176)` looks like.

```
.text, #text, p{  
    color:rgb(243, 209, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(243, 209, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 209, 176) }
```

Border

The CSS property to change the border of an element to Yxy 67.7902, 0.3635, 0.3645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 209, 176) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(243, 209, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(243, 209, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 209, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 209, 176);  
box-shadow:4px 4px 4px 4px rgb(243, 209,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7902, 0.3635, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 209, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(243,  
209, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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